GE
Lighting Solutions

Industrial Lighting

Omniglow™ 400 (OG5)

imagination at work

Product Features

GE Indoor Lighting luminaires are designed to produce optimum illumination from the lamp, optical system and ballast, while providing specific light patterns for specific applications. These reliable systems help to improve safety and energy savings, while enhancing productivity and efficiency, to put your industrial workplace in the best possible light.

Applications

- Assembly lines, inspection areas, production bays, storage areas warehouses and commercial areas

Housing

- Symmetrical heavy duty die-cast aluminum ballast housing

Finish

- Polyester powder gray or white paint finish

Ratings

- 1598 Listed Suitable for Damp Locations
- Listed to Canadian standards and codes

Mounting

- Single casting integral hook/loop and mounting plate is available
- Threaded slide-in mounting adapter for easy mounting

Reflectors

- Acrylic reflector

Unique Features

- Choice of open/ventilated or enclosed/filtered opticals
- Clear tempered door-glass lens on enclosed units
- Unique optical sliding disconnect
- 55° C ambient standard
- Borosilicate prismatic glass reflector with bright zinc- plated, corrosion resistant steel frame
- In-line EZ Connect™ plug-in adapter port allows for:
  - hook/loop, cord & NEMA plug
  - plug-in modular wiring systems
  - plug-in fuse kits
- Adjustable mogul base socket - E39 standard
- Safety chain provisions
- Shipped as components: Ballast, Optical - Magnapack available for ballast
- Pulse start system for metal halide available

Ordering Number Logic

Omniglow™ 400 (OG5)

OG5 ___ - _ - __ - _ - _ - _ - _ - __ - __ - __ - _

PROD. ID	COLOR	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	OPTICAL CODE	PHOTOMETRY CODE	MOUNTING CODE	OPTIONS
OG5 = Omniglow 400 Luminaire	**G** = Gray **W** = White	**25** = 250 **32** = 320 **35** = 350 **40** = 400	**E** = Energy Act Compliant Pulse MH (EPMH) **S** = HPS For International Markets only **M** = MH **P** = Pulse Start MH **Note:** Lamp is vertical base up. Lamp not included.	**60Hz** **0** = 120/208/240/277 MULTIVOLT **1** = 120 **2** = 208 **3** = 240 **4** = 277 **5** = 480 **D** = 347 **F** = 120X347 **T** = 220 **50Hz** **6** = 220 **R** = 230 **Y** = 240 **G** = 380	See Ballast Selection Table **A** = Autoreg **D** = System 3 Bilevel Autoreg **G** = CANADIAN Mag-Reg (Grounded Socket Shell) **H** = HPF Reactor or Lag **M** = Mag-Reg	**V4** = Open & Ventilated 14-In. **V8** = Open & Ventilated 18-In. **E4** = Enclosed and Filtered 14-In. **E8** = Enclosed and Filtered 18-In.	**XX** = Select Code from Photometric Selection Table See opposing page	**XX** = Select Code Below **11** = Pendant mounting **13** = Provision for Slide on Primary Electrical Disconnect. Order TWOBP Box (Thru Feed Capability Only) Separately. **14** = Provision for Slide-on Primary Electrical Disconnect. (Pendant and Thru Feed Capability) Order PED Box Separately **15** = Prewire with EZ-Loop, Cord and Plug Part of "Power Hook". Order Receptacle/Hook Box Separately. (Not CSA/CUL) **31** = Prewire with EZ-Hook, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug **33** = Prewire with EZ-Loop, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug ***(Order locking receptacle hook box separately.)*** **MODULAR PREWIRE** **41** = ACS with 3-ft (0.9 meter) cord & EZ-Hook **69** = ACS with 6-ft (1.8 meter) cord & EZ-Hook **43** = ACS with 3-ft (0.9 meter) cord & EZ-Loop **70** = ACS with 6-ft (1.8 meter) cord & EZ-Loop **PLUG-N-GO** **51** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Hook **71** = Plug-N-Go with 6 ft. (1.8meter) Cord & Hook **53** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Loop **72** = Plug-N-Go with 6 ft. (1.8 meter) Cord & Loop **Note:** ACS = Flex 3+ Plug-N-Go = FSC Series	A = 65°C maximum ambient* **B** = Time Delay Automatically Switched Quartz **F** = Fusing ***(Not available with multivolt)*** **G** = Secondary Wiring Access. 7/8 in. dia. knockout **Q** = Non-Time Delay Automatically Switched Quartz **R** = Non-Switched Quartz. **S** = Exclusionary mogul base socket for MH open fixtures **T** = E40 / European Socket * 65°C available for 250 and 400 watt Auto Reg Ballast only.

Ballast Selection Table

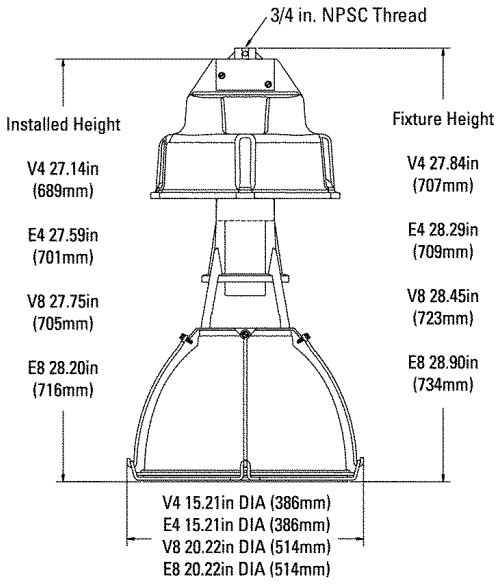
		Ballast Type / Voltage 60HZ					50HZ			
Wattage	Light Source	Multivolt	120, 208 240, 277 480	347	120 x 347	220	220	230	240	380
250	HPS	**A,M**	**A,D,G,M**	**A,D,G**	**A**	**A,H**	**A,H,M**	**A,H**	**A,H**	**M**
400	HPS	**A,M**	**A,D,G,M**	**A,D,G**	**A**	**A,H**	**A,H,M**	**A,H,M**	**A,H,M**	**M**
250**	MH,PMH	**A**	**A,D**	**A,D**	**A**	**A**	**A**	**A**	**A**	N/A
400**	MH,PMH	**A**	**A,D**	**A,D**	**A**	**A**	**A**	**A**	**A**	N/A
PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE										
250	EPMH	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
320	EPMH	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
350	EPMH	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
400	EPMH	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: N/A = Not Available
* H is HPF-Linear Reactor available as 277 volt only. Cannot be used with Automatic Switch Quartz Option.
**International Only

CANADIAN NOTES:
1. "A", Autoreg, and "D", Bilevel Autoreg available 120, 277 or 347 volts only
2. 208, 240, and 480 volts require CWI ballast. Use "G" when available. Contact factory for all others.
3. Multivolt not available.
4. 208, 240 and 480 volts with "G" ballast not available with switched quartz.

Exclusionary base socket is available for use with Metal Halide lamps in open fixtures to comply with NEC 2005 regulations (GELS "S" Option). Customer should consult or review local electrical codes for compliance.

Product Dimensions



DIMENSIONS

When optical assembly contains a quartz socket (switched or non-switched), an additional 1.125 inches (29mm) must be added to the overall height due to double stack disconnect.

Photometric Selection Table

V4 OPTICAL - Open 14 in. Reflector
MH, requires "S" Option EX39 base socket

350, 400	EPMH	1.2	7	177978	V4	ES
350, 400	EPMH	1.7	3	177974	V4	EO
350, 400	EPMH(Coated)	1.6	3	178003	V4	EO
250, 400	HPS	1.1	K	177970	V4	EK
250, 400	HPS	1.5	J	177969	V4	EJ
250, 400	HPS	2.0	G	177967	V4	EG

V8 OPTICAL - Open 18 in. Reflector
MH, requires "S" Option EX39 base socket

350, 400	EPMH	1.0	J	178757	V8	EJ
350, 400	EPMH	1.5	G	178755	V8	EG
350, 400	EPMH	1.7	F	178754	V8	EF
350, 400	EPMH(Coated)	1.7	C	178772	V8	EC
250, 400	HPS	1.3	A	178727	V8	EA

E4 OPTICAL - Enclosed 14 in. Reflector

250,320*	EPMH	1.4	H	177924	E4	EH
250,320*	EPMH(Coated),P	1.8	D	177931	E4	ED
350,400	EPMH	1.2	7	177905	E4	ES
350,400	EPMH	1.4	5	177903	E4	EQ
350,400	EPMH	1.6	4	177902	E4	EP
250,400	HPS	1.0	K	177948	E4	EK
250,400	HPS	1.7	H	177946	E4	EH

E8 OPTICAL - Enclosed 18 in. Reflector

250,320	MH,PMH,EPMH	1.2	A	178856	E8	EA
250,320	MH,PMH,EPMH	0.9	C	178858	E8	EC
250,320	MH,PMH,EPMH	1.1	B	178857	E8	EB
250,320	MH,PMH,EPMH (Coated)	1.0	A	178855	E8	EA
350,400	EPMH	1.6	F	178764	E8	EF
350,400	EPMH(Coated),P	1.0	H	178779	E8	EH
350,400	EPMH(Coated),P	1.2	F	178780	E8	EF
350,400	EPMH(Coated),P	1.5	D	178777	E8	ED
250,400	HPS	1.1	B	178743	E8	EB
250,400	HPS	1.4	A	178742	E8	EA

*320 watt, ED28 pulse start MH

DATA

- Approximate Net Weight
  - Ballast and 14-in. Glass Optical: 33-48 lbs (15-22 kgs)
  - Ballast and 18-in. Glass Optical: 39-68 lbs (18-31 kgs)

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